| <br> | Clain |  |
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| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 10/563,501              | HADA ET AL.                             |
| Examiner                | Art Unit                                |

| <b>√</b> | Rejected | - | (Thro |
|----------|----------|---|-------|
| _        | Allowed  |   |       |

| _ | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

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| Α | Appeal   |
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| Cla      | in                                     | Data  |          |  |            |                     |            | -        |                                     |          |
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| Ula      |  | Date  |          |  |            |                     |            |          |                                     |          |
| Final    | Original                               | 2/4/08  |          |  |            |                     |            |          |                                     |          |
|          | 1                                      | ٧   |          |  |            |                     |            |          |                                     | $\Box$   |
|          | 1<br>2<br>3<br>4<br>5                  | ٧   |          |  |            |                     |            |          |                                     |          |
|          | 3                                      | ٧   |          |  |            |                     |            |          |                                     |          |
|          | 4                                      | ٧   |          |  |            |                     |            |          |                                     |          |
|          | 5                                      | ٧   |          |  |            |                     |            |          | $\Box$                              |          |
|          | 6                                      | ٧   |          |  |            |                     |            |          |                                     |          |
|          | 6                                      | v<br>v  |          |  |            |                     |            |          |                                     |          |
|          | 8                                      | ٧   |          |  |            |                     |            |          |                                     |          |
|          | 9                                      | V   |          |  |            |                     |            |          |                                     |          |
|          | 10                                     | ٧   |          |  |            |                     |            |          |                                     |          |
|          | 11                                     | V   |          |  |            |                     |            |          |                                     |          |
|          | 12                                     | V   |          |  | - "        |                     |            |          |                                     |          |
|          | 13                                     | ٧   |          |  |            |                     |            |          |                                     |          |
|          | 11<br>12<br>13<br>14<br>15<br>16<br>17 | ٧   |          |  |            |                     |            |          |                                     |          |
|          | 15                                     | ٧   |          |  |            |                     |            |          |                                     |          |
|          | 16                                     |   |          |  |            |                     |            |          |                                     |          |
|          | 17                                     |   |          |  |            |                     |            |          |                                     |          |
|          | 18                                     | Π   |          |  |            |                     |            |          |                                     |          |
|          | 19                                     |   |          |  |            |                     |            |          |                                     |          |
|          | 20                                     | Г   | Г        |  |            |                     |            |          |                                     |          |
|          | 20<br>21                               |   |          |  |            | Г                   |            |          |                                     |          |
|          | 22                                     | Γ   |          |  |            |                     |            |          |                                     |          |
|          | 23<br>24                               |   |          |  |            |                     |            |          |                                     |          |
|          | 24                                     | ,   |          |  |            |                     |            |          |                                     |          |
|          | 25                                     |   |          |  | Ĭ          |                     |            |          |                                     |          |
|          | 26                                     |   |          |  |            |                     |            |          |                                     |          |
|          | 26<br>27                               |   |          |  |            |                     |            |          |                                     |          |
|          | 28<br>29                               |   |          |  |            |                     |            |          |                                     |          |
|          | 29                                     |   |          |  |            |                     | <u>L</u> . |          |                                     | Ŀ        |
|          | 30                                     |   |          |  |            |                     |            |          |                                     | Ш        |
|          | 31                                     |   |          |  | L          |                     |            | Ĺ        |                                     |          |
|          | 31<br>32<br>33                         |   |          |  |            |                     | <u> </u>   |          |                                     | Ш        |
|          | 33                                     |   |          |  |            |                     | <u> </u>   |          | _                                   |          |
|          | 34<br>35                               | 匚   | 匚        |  | 匚          |                     | L          |          | <u> </u>                            | Ш        |
|          | 35                                     | L   |          |  | oxdot      | <u> </u>            | <u> </u>   | <u> </u> | <u> </u>                            | Ш        |
|          | 36                                     | <u></u>   |          |  | L          |                     |            | <u> </u> | <u> </u>                            | Ш        |
|          | 37                                     |   |          |  |            | <u> </u>            | _          | <u> </u> | <u> </u>                            | Ш        |
|          | 38                                     |   | <u> </u> | _                                      | <u> </u>   | <u> </u>            | _          | <u> </u> | <u> </u>                            | Ш        |
|          | 39                                     | <u>L</u>  | L        |  | <u> </u>   | <u> </u>            | <u> </u>   | <u> </u> | <u> </u>                            | Ш        |
|          | 40                                     | $oxed{oxed}$  | _        | <u> </u>                               | lacksquare | $oxdapsymbol{oxed}$ | <u> </u>   |          |                                     | Щ        |
|          | 41                                     | <u> </u>  | L_       | L                                      | <u> </u>   | ـــــ               | L          | <u> </u> | <b>!</b>                            |          |
|          | 42                                     | <u> </u>  |          | <u> </u>                               | lacksquare | <u> </u>            | L          | <u> </u> | <u> </u>                            | Щ        |
|          | 43                                     | <u></u>   | L_       | <u> </u>                               | <u> </u>   | ㄴ                   | L_         |          | _                                   | Ш        |
| <u> </u> | 44                                     | 1_  | L_       | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ | 乚          | <u> </u>            | l_         | <u> </u> | L_                                  | $\sqcup$ |
| L        | 45                                     | $\perp$   | _        | _                                      | _          | <u> </u>            | <u> </u>   | _        | L_                                  | Ш        |
| <u></u>  | 46                                     | 1_  | <u> </u> | $\vdash$                               | $\perp$    | <u> </u>            | <u></u>    | _        | L_                                  | Ш        |
|          | 47                                     | 上   | <u> </u> | <u> </u>                               | ┞-         | <u> </u>            | L_         | <u></u>  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш        |
| <u> </u> | 48                                     | 丄   | L        | <u> </u>                               | 乚          | $\perp$             | L_         | <u> </u> | L_                                  | Ш        |
|          | 49                                     | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ | L        | <u> </u>                               | ↓_         | <u> </u>            | L          |          |                                     | Ш        |
|          | 50                                     |   |          |  |            |                     |            |          | 1                                   | ıl       |

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|----------|----------------------------------|--|----------------|--|----------|----------------|--------------|--------------|----------|--------------------|
|          |                                  |  |                |  |          |                |              |              |          |                    |
| Final    | Original                         |  |                |  |          |                |              |              |          | ı                  |
| ᄩ        | rig                              |  |                |  |          |                |              |              |          |                    |
|          |                                  |  |                |  |          |                |              |              |          |                    |
|          | 51                               |  |                |  |          |                |              |              |          |                    |
|          | 52                               |  |                |  |          |                |              |              |          |                    |
|          | 51<br>52<br>53                   |  |                |  |          |                |              |              |          |                    |
|          | 54<br>55                         |  |                |  |          |                |              |              |          |                    |
|          | 55                               |  |                |  |          |                |              |              |          |                    |
|          | 56                               |  |                | L  |          |                |              |              |          |                    |
|          | 57                               |  |                |  |          |                |              |              |          |                    |
|          | 58                               |  |                | ļ  |          |                |              | _            |          | _                  |
|          | 59                               |  |                |  |          |                |              | _            |          |                    |
|          | 60<br>61                         |  | _              |  |          |                |              |              |          |                    |
| <u> </u> | 61                               | <u> </u>   | <u> </u>       | ļ  | <u> </u> | <b> </b>       | $\vdash$     |              | L        | _                  |
| <u> </u> | 62                               | <u> </u>   | <u> </u>       | <u> </u>   | $\vdash$ |                | <u> </u>     |              |          | L                  |
|          | 63<br>64<br>65                   | <u> </u>   | <u> </u>       | <u> </u>   |          | <u> </u>       | $\vdash$     |              |          | $\vdash$           |
|          | 64                               | _  | _              | ├  | <u> </u> | <u> </u>       |              | _            |          |                    |
|          | 60                               | ⊢  |                | ├  | $\vdash$ | -              | <del> </del> |              | _        |                    |
| <u> </u> | 66<br>67                         | -  |                | -  |          | -              | _            |              |          | H                  |
| -        | 60                               | $\vdash$   | -              |  | -        | $\vdash$       |              |              | -        | $\vdash$           |
|          | 68<br>69                         | 1  | ┝              | ┢  | ⊢        | -              | <u> </u>     | _            | -        | $\vdash$           |
|          | 70                               | _  | -              | ⊢  | ⊢        | ⊢              | -            |              | ├        | -                  |
|          | 70                               | -  | ⊢              | ⊢  | ⊢        | H              | $\vdash$     | -            | ├        | -                  |
| -        | 72                               | -  | ⊢              | ⊢  |          | ┢╾             | $\vdash$     | $\vdash$     |          | $\vdash$           |
|          | 73                               | ┢┈   | ├─             | -  | -        | ┢              | -            | -            | -        | $\vdash$           |
| <b>-</b> | 70<br>71<br>72<br>73<br>74<br>75 | ╫  | ├              | $\vdash$   |          | -              | ┝            |              |          |                    |
|          | 75                               | ┢  |                | <del>                                     </del> |          | -              |              | ┢            |          | $\vdash$           |
| -        | 76                               | $\vdash$   | ┢              | <del>                                     </del> |          |                | $\vdash$     | ╌            |          |                    |
| -        | 76<br>77                         | <del>                                     </del> | ┢              | <del> </del>                                     | H        | ┢┈             |              | ┢            | ┢        | $\vdash$           |
|          | 78                               | $\vdash$   | $\vdash$       |  |          | T              | $\vdash$     | _            |          | $\vdash$           |
|          | 79                               |  | t              |  | <u> </u> | ऻऻ             |              |              |          |                    |
|          | 80                               |  |                |  |          | 1              |              |              |          |                    |
|          | 81                               | T  |                |  |          |                |              |              |          |                    |
|          | 82<br>83                         |  |                |  | Π        | Π              |              |              |          |                    |
|          | 83                               | Ī.,  |                |  |          |                |              |              |          |                    |
|          | 84                               |  | 匚              |  |          |                |              |              | 匚        |                    |
|          | 85                               | 匚  | $\Box$         |  |          |                | 匚            | $\Box$       | $\Box$   |                    |
|          | 86                               |  | $oxed{oxed}$   | <u></u>  |          | <u> </u>       | <u> </u>     | <u> </u>     | _        | $oxedsymbol{oxed}$ |
| L        | 87                               | <u> </u>   | <u> </u>       | 1_   | <u> </u> | <u> </u>       | Ŀ            |              | _        | <u> </u>           |
| ļ        | 88                               | <b> </b>   | ┞              | 1  | <u> </u> | <u> </u>       | <u> </u>     | <u> </u>     | 1        | ļ                  |
| <u> </u> | 89                               | ₩  |                | _  | $\vdash$ | _              | $\vdash$     | <u> </u>     | <u> </u> | <u> </u>           |
| <u></u>  | 90                               |  | <del> </del> _ | <del> </del>                                     | ├_       | ┞-             | <b> </b>     | ļ            | <u> </u> | <u> </u>           |
| -        | 91                               | <u> </u>   | ⊢              |  | ├-       | ₩              |              | <u> </u>     | <u> </u> | ├                  |
| <u> </u> | 92                               | ⊢  | -              | ┼-   | 1        | <del>  -</del> | -            | <u> </u>     |          | $\vdash$           |
|          | 93                               |  | -              | ┼  | ├-       |                | ├-           | <u> </u>     | <b>—</b> | ├-                 |
| -        | 94                               | <del></del>                                      | 1-             | $\vdash$   |          | 1              | ├            |              | ├        | ╀                  |
| <u></u>  | 95                               | $\vdash$   |                | ╂—   | $\vdash$ | -              | $\vdash$     | <u> </u>     |          | <del> </del>       |
| <u> </u> | 96                               | ₩  | $\vdash$       | ╀  | ╁        | $\vdash$       | ╁            | <del> </del> | ₩        |                    |
| -        | 97                               | ⊢  | ├-             | +  | ╀─       | ╀              | ├            | $\vdash$     | $\vdash$ | ⊢                  |
| -        | 98<br>99                         | $\vdash$   | ╀╌             | ₩  | ╁        | ╁╌             | ╁            | -            | $\vdash$ | ┼-                 |
|          | 100                              | ╂  | $\vdash$       | +  | +-       | ╁              | ├-           | $\vdash$     | ╁        | $\vdash$           |
|          | 1100                             | Ц.   |                | <u> </u>   | 1        | <u></u>        | Щ            | Щ            | <u></u>  | <u> </u>           |

| Cla          | aim                             | Date         |          |          |  |  |          |   |  |              |
|--------------|---------------------------------|--------------|----------|----------|--|--|----------|---|--|--------------|
|              |                                 |              |          |          | ī  | Ï  | _        |   |  | $\neg$       |
| Final        | Original                        |              |          |          |  |  |          |   |  |              |
|              | 101                             |              |          |          |  |  |          |   |  |              |
|              | 102                             |              |          |          |  |  |          |   |  |              |
|              | 103                             |              |          |          |  |  |          |   |  |              |
|              | 104                             |              |          |          |  |  |          |   |  | _            |
|              | 105<br>106                      |              |          |          |  |  |          |   |  | Ш            |
|              | 106                             |              | _        |          |  |  |          |   |  | Щ            |
|              | 107<br>108                      |              |          |          |  |  |          |   | _  | $\dashv$     |
|              | 108                             | <u> </u>     |          |          |  |  |          | _   |  | $\dashv$     |
|              | 110                             |              |          |          |  | -  |          |   | -  | $\dashv$     |
|              | 111                             | _            | -        | -        |  |  | _        |   |  | $\vdash$     |
|              | 111<br>112<br>113               | $\vdash$     |          | H        | H  | H  | $\vdash$ | -   | $\vdash$   | $\vdash$     |
|              | 113                             | $\vdash$     | $\vdash$ | Н        | М  | Н  | $\vdash$ |   |  | $\square$    |
|              | 114                             | П            | _        |          |  |  |          |   |  |              |
|              | 114<br>115                      |              |          |          |  |  |          |   |  |              |
|              | 116<br>117                      |              |          |          |  |  |          |   |  |              |
|              | 117                             | L            | _        |          |  |  | _        | $ldsymbol{ld}}}}}}$ |  |              |
|              | 118                             |              | L        |          |  |  | _        | _   | <u> </u>   | Ш            |
|              | 119                             |              |          |          | _  | <u> </u>   |          | <u> </u>  | ļ  | Ш            |
| <u> </u>     | 120                             |              | ļ        | <u> </u> | <u> </u>   | <u> </u>   | <u> </u> | <u> </u>  |  | Ш            |
|              | 121                             | <u> </u>     | <u> </u> | _        | <u> </u>   | ├  |          | <u> </u>  | -  | Н            |
|              | 122                             |              | -        | -        | ┝  |  | -        | -   |  | Н            |
|              | 122<br>123<br>124               |              | $\vdash$ | ⊢        | ├-   | -  | $\vdash$ | -   |  | Н            |
|              | 125                             | -            | -        | -        | <del> </del>                                     | ├  | ├        | $\vdash$  | ├-   | Н            |
|              | 126                             | -            | ┢        | $\vdash$ | -  | <del>                                     </del> | ┢        | $\vdash$  | $\vdash$   |              |
|              | 127                             | H            | -        | H        | -  | -  | $\vdash$ |   | H  | Н            |
|              | 125<br>126<br>127<br>128<br>129 | -            | $\vdash$ |          | $\vdash$   | $\vdash$   | $\vdash$ |   |  |              |
|              | 129                             |              |          | Π        |  |  |          |   |  | П            |
|              | 130<br>131                      |              |          |          |  |  |          |   |  |              |
|              | 131                             |              |          |          |  |  |          |   |  |              |
|              | 132                             |              |          |          |  |  |          |   |  | Ш            |
|              | 133<br>134                      | ┖            | ļ        | _        |  |  | <u> </u> | ╙   | _  |              |
| <u> </u>     | 134                             | <u> </u>     |          | _        |  | <u> </u>   | ļ        |   |  | _            |
|              | 135                             | <del> </del> | ⊢        | ⊢        | ├  |  | <u> </u> |   |  |              |
| <u> </u>     | 136<br>137                      | ├-           | -        | ┝        | _  | ├  | ⊢        |   | -  | H            |
| <del> </del> | 137                             | -            |          | ├        |  | ⊢  | ┢╌       | ⊢   | -  | $\vdash$     |
|              | 139                             | ╁╌           | ├        | ├        | -  | ┢  | ┢        | ┢   | ╁  | $\vdash$     |
|              | 140                             | ├-           | ┢        | ╁        | $\vdash$   | $\vdash$   | -        | $\vdash$  | $\vdash$   | ┢            |
|              | 141                             | ┢            | $\vdash$ | t        | ┢  | H  | <u> </u> |   | <del>                                     </del> |              |
|              | 142                             | †            | <u> </u> | 一        | <del>                                     </del> |  |          | Г   | ✝  |              |
|              | 143                             |              |          |          |  |  |          |   |  |              |
|              | 144                             |              |          |          |  |  |          |   |  |              |
|              | 145                             |              |          |          |  |  |          |   |  |              |
|              | 146                             | ┖            | Ĺ        | $\perp$  | $oxedsymbol{oxedsymbol{oxed}}$                   | Ĺ  | $\perp$  | <u> </u>  | <u> </u>   | $oxed{oxed}$ |
|              | 147                             | <u> </u>     |          | oxdot    |  | _  | L        |   | ┕  | L            |
|              | 148                             | 1_           | <u> </u> | ┞-       | <u> </u>   | $\vdash$   | _        | <u> </u>  | <u> </u>   | $\vdash$     |
| ļ            | 149                             | ↓            | ┞-       | <b>├</b> | ┡  | ├-   | $\vdash$ | ⊢   |  | _            |
| L            | 150                             |              | _        | <u> </u> | L  | Ц.   | _        | L.  | <u>L</u> _                                       | <u></u>      |